

中文

感谢您购买Olight LED头灯。在使用前请详细阅读本说明书。本说明书适用H15S WAVE头灯。

标配清单：
头灯（包含头带） x 1
1200mAh 3.7V 可充电 x 1
Micro USB充电线（仅用于给电池充电）x 1
说明书

产品说明及安装指示：

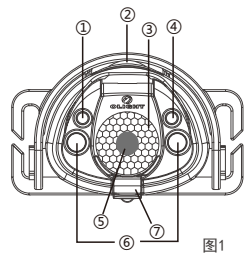


图1

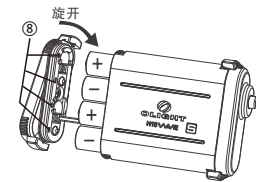


图2

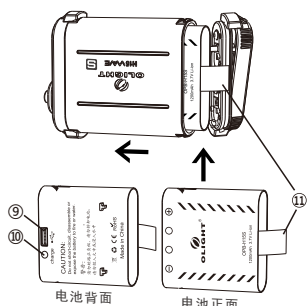


图3

- ① 红外发射管

② 开关

③ 柔光镜

④ 红外接收管

⑤ 光源

⑥ 红外指示灯
- ⑦ 柔光镜锁

⑧ 电池极性标记

⑨ Micro USB充电接口

⑩ 电池充电指示灯

⑪ 电池拉片

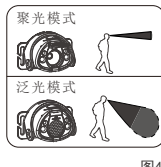


图4

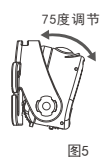


图5

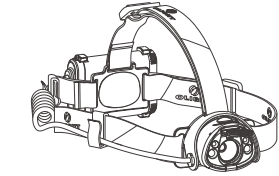


图6

操作说明：

- 按照电池装卸指示说明安装电池(见图2和图3)。头灯自带可充电电，使用前请先将电池充满；用户也可以使用AAA电池，请注意电池安装方向。
- 开启头灯（电源）：单按头灯上的红色开关按键，输出最高亮度。
- 关闭头灯（电源）：连续单按红色开关按键，输出亮度按从高至低变化（最多三次按键），直至关闭。
- 改变亮度：单按红色开关按键，亮度从高变为中，或从中高为低。
- 挥手控制，开启或关闭光源：在IR开启状态下，在距离头灯光源正前方3~10厘米的范围内挥手一次，头灯光源由开关或由关变开；在光源关闭但IR开启的情况下，单按开关按键开启光源。
- 开启/关闭IR：头灯在点亮状态下，按下头灯开关约1秒，输出中断（约0.5秒）一次后，IR由开启变成关闭或由关闭变成开启；头灯正前方有两个直径5毫米指示灯，IR开启的状态下，指示灯发出微弱红光；IR控制关闭的状态下，指示灯熄灭，开机默认开启IR。
- 柔光镜的使用：通常状态下，柔光镜置于灯的前方被锁住，按下头灯底部的凸起机

构，柔光镜自动弹起，此时光源转变为较为聚集的光线；当需要大范围照明时，用手指压下柔光镜片，它将被自动锁住(见图4)。

8.当IR处于关闭状态，1小时内如无操作，头灯自动关机电源。

注意：

- 1) 在电池电压不足3.0V，头灯内部的红外感应芯片工作的非正常状态，挥手控制失效。
- 2) 采用挥手控制头灯，五指伸直并拢，使用手掌在头灯正前方以一定的速度（约0.2米/秒，速度过快会导致控制失败）。

规格参数表：(OPB-H15S)

额定容量	1200毫安
标称电压	3.7伏
充电方式	Micro USB 恒流恒压
充电电流	0.35安
最大充电时间	4.5小时
满充电压	4.2伏
充电指示灯	充电中：亮红灯 充满：熄灭
放电终止电压	3.0伏
工作温度	-20℃~60℃

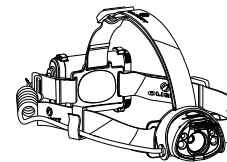
规格参数表：(头灯)

体积	头灯：70 x 53.5 x 22 mm 电池盒：55 x 42 x 27 mm
重量	98克(不包括电池)
光源	1 x CREE XM-L2 LED 白光
电池类型	1 x OPB-H15S (1200mAh 3.7V Li-ion包括) 4 x AAA碱性电池或二次镍氢电池
反光杯	橘皮杯
透镜	钢化加硬玻璃，双面镀增透膜
柔光镜	PVC 可以上下开合
输出亮度	250流明/3小时（高亮） 200流明/3小时（高亮带柔光镜） 100流明/5.6小时（中亮） 85流明/5.6小时（中亮带柔光镜） 15流明/36小时（低亮） 12流明/36小时（低亮带柔光镜）
运行时间	
中心光强度	1050坎德拉
最大射程	65米
防水	IPX6
抗冲击	1米

保修条款：

细则说明：

1. 本细则适用于Olight品牌的手电及配件产品。凡通过正规渠道购买的Olight产品，均享受本公司提供的免费保修或有限保修售后服务；
2. 任何产品或配件经过改装、不当使用或由非Olight随产品提供的电池漏液导致产品无法使用，Olight将不承担其保修责任；
3. 30天保换期：Olight手电产品自售出之日起30天内（以购买发票或者其它有效购买单据上的日期为准），在正常使用情况下，出现产品质量问题，客户可选择更换新品及部件，或维修服务；
4. 2年免费保修期：Olight手电产品自售出之日起2年内（以购买发票或者其它有效购买单据上的日期为准），用户在正常使用情况下，出现产品质量问题，则享受免费维修服务；
5. 终身有限保修：在超过2年免费保修时间外，Olight将提供有偿维修，更换配件及运输费用由用户承担，不另收取人工费用；
6. 电池质保：Olight为随产品提供或单独销售的可充电电池提供1年（以购买发票或者其它有效购买单据上的日期为准）质保；
7. 用户保修时凭Olight《质量保证卡》及购买有效单据与经销商联系，由经销商对消费者提供服务，我公司将对经销商提供服务支持；



Operator's Manual

HEADLAMP

Model: H15S WAVE
CREE XM-L2 LED

ENGLISH

Thank you for purchasing the Olight H15S WAVE LED Headlamp. Please read this manual carefully before using this product.

Package Contents：
1 x Head lamp (Including head band)
1 x OPB-H15S (1200mAh 3.7V rechargeable lithium battery)
1 x Micro USB cable (Only for battery charging)
1 x Manual

Product description:

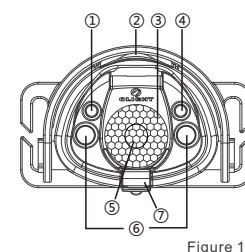


Figure 1

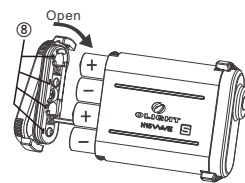


Figure 2

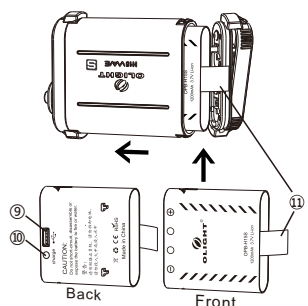


Figure 3

- ① IR transmitter

② Switch

③ Diffuser

④ IR receiver

⑤ Light source

⑥ IR indicator
- ⑦ Diffuser lock

⑧ Battery polarity mark

⑨ Micro USB charging spot

⑩ Charging indicator

⑪ Battery pull tab

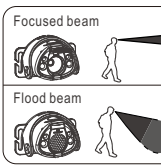


Figure 4

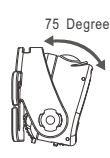


Figure 5

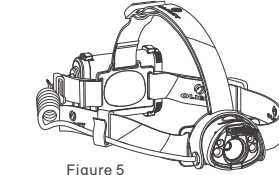


Figure 5

Operational instruction:

1. Install the battery according to battery installation instruction(see Figure 2 and Figure 3), the head lamp is produced with rechargeable lithium battery, please fully charge the battery before use it; also AAA battery is available, please pay attention to the install directions.
2. Turn on the head lamp(power supply):Single press the red button switch on light head, the maximum output will be turned on.
3. Turn off the head lamp(Power supply):Continuously single press the red button switch, the output will be changed from high to low till lamp turn off(3 press at most).
4. Brightness change: Single press red button switch, the brightness will be changed from high to middle or middle to low.
5. Hand wave operation, turn on/off the lighting source: When IR on, wave the hand within 3~10cm towards the LED source ahead, the lighting will change from on-off or off-on;When the LED source is off while IR is on, single press the power on/off switch to turn on the lighting source.
6. On/off IR: When lighting the head lamp, press the head switch about 1second,the output stopped one time(about 0.5 second),IR will be changed from on-off or off-on;here is a 5mm diameter indicator ahead on the head lighting,it will be a weak red lighting when IR on, while die out when IR off, IR will be open by default

when turn on the light.

7. Filter instruction: Normally, the filter is locked in front of the lighting source, it will be flicked if press the raised part at the bottom of light head, and the lighting source will change to more collective spotlight; When need a flood lighting, please depress the filter, it will be locked automatically(see Figure 4).

8. When IR is off, the head lamp will off automatically if there is no operation within one hour.

Attention:

- 1) When battery voltage is less than 3.0V,the IR sensing chip is abnormal condition, so hand wave operation is invalid.
- 2) When operate hand waving, figures close together, the palm wave by a fixed speed ahead of lighting source(about 0.2meters/second,a fast speed will cause a failure operation).

Warranty：

Olight warrants its products to be free from defects in materials and workmanship. Within 30 days of receipt, any defective lights will be offered repair or replacement by the retailer where the product was purchased. Olight will repair or replace, at its option and without charge, any product or part which is found to be defective under normal use and service within 24 months counting from the date of purchasing with proof of purchase. Such repair or replacement shall be the purchaser's sole and exclusive remedy under this warranty. This warranty does not cover normal maintenance and service and does not apply to any products or parts which have been subject to modification, misuse, negligence, accident, improper maintenance or repair by anyone other than Olight. As to those exceed 24 months of the purchase date, Olight will still provide with warranty service. Labor is free but cost of parts will be charged. This warranty covers parts and labor only as specified above. Freight and transit costs are the responsibility of the user/owner, not the factory or dealer.

Specifications：(OPB-H15S)

Capacity	1200mAh	Fully charged voltage	4.2V
Voltage	3.7V	Charge Indicator	Charging:light on Fully charged:light off
Charging	Micro USB constant current		
Charging current	0.35A	Discharge voltage	3.0V
Max. Charge time	4.5A	Working temperature	-20℃~60℃

Specifications：(Headlamp)

Dimension	Headlamp: 70 x 53.5 x 22 mm Battery box: 55 x 42 x 27 mm
Weight	98g, exclude battery
Light source	1 x CREE XM-L2 cool white LED
Battery	1 x OPB-H15S (1200mAh 3.7V Li-ion INCLUDED) 4 x AAA Alkaline cell/Secondary NiMH batteries
Reflector	Orange peel reflector
lens	Ultra-clear tempering glass with anti-reflective coating
Diffuser	PVC Flip up/down
Light Output and Runtime	250 lumens / 3 hours (high) 200 lumens / 3 hours (high with diffuser) 100 lumens / 5.6 hours (medium) 85 lumens / 5.6 hours (medium with diffuser) 15 lumens / 36 hours (low) 12 lumens / 36 hours (low with diffuser)
Peak Beam intensity	1,805 cd
Beam Distance	85 m
Water resistant	IPX 6
Impact resistance	1 m



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